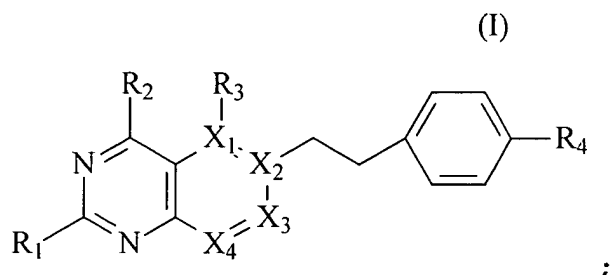


We Claim:

1. A process for synthesizing compounds having the formula:



wherein R_1 and R_2 are each individually amino or N-alkyl substituted amino; hydroxy; alkoxy; keto; lower alkyl; or a nitrogen or oxygen protecting group;

R_3 is hydrogen; hydroxy; alkoxy; trifluoromethyl alkoxy; halo; sulfhydryl or alkylthio;

R_4 is hydroxy; alkoxy; or $-C(O)-X$;

X is hydroxy; alkoxy; or an amino acid residue; and

X_1 , X_2 , X_3 and X_4 are each individually carbon or nitrogen; said process comprising the steps of:

a) providing a starting reagent capable of being cyclized to a 2,4-disubstituted fused aromatic nitrogen-containing heterocycle;

b) cyclizing the starting reagent of step a) in a single step to form the 2,4-disubstituted fused aromatic nitrogen-containing heterocycle; then

c) creating a reactive moiety at C6 of the 2,4-disubstituted fused aromatic nitrogen-containing heterocycle;

d) coupling a 4-substituted aromatic ring fragment having a leaving group at the terminus of the 4-substituted moiety for
5 coupling to the C6 reactive moiety of the 2,4-disubstituted fused aromatic nitrogen-containing heterocycle to form the formula I compound.

10 2. The process of Claim 1 wherein the reactive moiety is a nitrogen-based leaving group.